

### Chapter 4 Test Study Guide

**Directions:** Spend a little extra quality time with Chapter 4 at home 😊 Complete the following problems from “**Chapter 4 Review**” on **pages 204 and 205** of your textbook. Use your **class notes**, **foldables** and **textbook** to help you solve each problem. Show your work. This assignment is due **Thursday, March 3<sup>rd</sup>**.

<p>6. Circle all digits that the number below is divisible by:</p> <p style="text-align: center;">756</p> <p style="text-align: center;">2   3   5   9   10</p>	<p>7. Circle all digits that the number below is divisible by:</p> <p style="text-align: center;">3,330</p> <p style="text-align: center;">2   3   5   9   10</p>
8.	9.
10.	12.
28 = _____	100 = _____
14.	16.
The GCF 18 and 28= _____	The GCF of 25 and 35 = _____

17.	18. Simplest form? _____ If not, simplify.
The GCF of 16 and 40 = _____	
19. Simplest form? _____ If not, simplify	20. Simplest form? _____ If not, simplify
21. Simplest form? _____ If not, simplify	22.
23.	24.
25.	26.
	The LCM of 12 and 22 = _____
27.	29.
The LCM of 10, 20 and 35 = _____	

30.	31.
33.	34.

### **Word Problems and Writing**

Answer each question below in complete sentences.

- 1) Sara has 16 red flowers and 24 yellow flowers. She wants to make bouquets with the same number of each color flower in each bouquet. What is the greatest number of bouquets she can make?

GCF or LCM?

Solve:

- 2) Two neon signs are turned on at the same time. Both signs blink as they are turned on. One sign blinks every 9 seconds. The other sign blinks every 15 seconds. In how many seconds will they blink together again?

GCF or LCM?

Solve:

- 3) Compare  $3\frac{4}{5}$  \_\_\_\_\_  $3\frac{7}{15}$ . Explain below in complete sentences how you know that your comparison is true.

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	Tracking Progress			
Lesson	Skill/Concept	Got It!	Almost!	Need to Review!
4-1	Divisibility			
4-2	Exponents			
4-3	Prime Numbers and Prime Factorization			
4-4	Greatest Common Factor (GCF)			
4-5	Equivalent Fractions			
4-6	Mixed Numbers and Improper Fractions			
4-7	Least Common Multiple (LCM)			
4-8	Comparing and Ordering Fractions			
4-9	Fractions and Decimals			

**Please complete this bottom portion and turn it in on the day of the Chapter 4 Test- Friday, March 4th.** Please check off below what you did to study actively for the Chapter 4 Test. Then, have your parents sign off to confirm that you spent time studying actively. Please make sure you identify the areas in which you need the most practice and focus your studying.

I redid old homework/study guide problems	
I reviewed the notes in my notebook	
I watched online video tutors on phschool.com	
I took online quizzes on phschool.com	
I practiced on Khan Academy	
I found extra problems to complete in my textbook	
I focused on the concepts that I am struggling with the most	
I completed the more challenging problems from each lesson because I feel comfortable with the basics	

**Parents:** Please sign below to confirm that your child spent an appropriate amount of time practicing for Tuesday's test:

Parent Signature \_\_\_\_\_